

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
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S3	12	((DAVID) near2 (DAWES).INV.	US-PGPUB; USPAT; USOOR; FFPS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/05 10:35
S4	60	(symmorphix or (infinite near2 power)).as.	US-PGPUB; USPAT; USOOR; FFPS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/05 10:39
S5	1	S3 and S4	US-PGPUB; USPAT; USOOR; FFPS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/05 10:42
S6	21	S1 and S4	US-PGPUB; USPAT; USOOR; FFPS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/05 10:42
S7	11	S3 not S4	US-PGPUB; USPAT; USOOR; FFPS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/05 10:44

S8	0	S1 and S3 and S4 not S5	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/05 10:51
S9	483	S1 or S3 or S4 not S5	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/05 10:51
S10	196	S9 and ( ( rare-earth) or (rare earth) or al2o3 or y2o3 or tio2 or alumina or (aluminum-oxide) or (aluminum oxide) or (titanium-oxide) or (titanium oxide)or ("Al. sub.2O.sub.3") or ("Y. sub.2O.sub.3") or ("TiO. sub.2"))	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/05 10:57
S11	118	S9 and ( ( rare-earth) or (rare earth) or al2o3 or y2o3 or tio2 or alumina or (aluminum-oxide) or (aluminum oxide) or (titanium-oxide) or (titanium oxide)or ("Al. sub.2O.sub.3") or ("Y. sub.2O.sub.3") or ("TiO. sub.2")) with (waveguide or slab or layer)	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/05 10:58
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S17	1731	S11 or S12 or S13 or S14 or S15 or S16	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/05 11:01

S18	560	S17 and ( ( rare-earth) or (rare earth) or al2o3 or y2o3 or tio2 or alumina or (aluminum-oxide) or (aluminum oxide) or (titanium oxide) or (titanium oxide) or ("Al.sub.2O.sub.3") or ("Y.sub.2O.sub.3") or ("TiO.sub.2")) with (waveguide or slab or layer))	US-PGPUB; USPAT; USOCR; FFPR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/05 11:01
S19	76	S18 and buffer and amorphous	US-PGPUB; USPAT; USOCR; FFPR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/05 11:02
S20	95	S18 and ((couple or coupling or coupler or coupled) with (waveguide))	US-PGPUB; USPAT; USOCR; FFPR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/05 11:09
S21	81	S20 not S19	US-PGPUB; USPAT; USOCR; FFPR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/05 11:09
S22	24	S21 and S1	US-PGPUB; USPAT; USOCR; FFPR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/05 11:10
S23	57	S21 not S1	US-PGPUB; USPAT; USOCR; FFPR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/05 11:10
S24	1378	((laser diode) with substrate) and ( ( rare-earth) or (rare earth) or al2o3 or y2o3 or tio2 or alumina or (aluminum-oxide) or (aluminum oxide) or (titanium oxide) or (titanium oxide) or ("Al.sub.2O.sub.3") or ("Y.sub.2O.sub.3") or ("TiO.sub.2"))	US-PGPUB; USPAT; USOCR; FFPR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/10/10 12:03

S25	32	((laser diode) with substrate) and ( core near5 ( rare-earth) or (rare earth) or al2o3 or y2o3 or tio2 or alumina or (aluminum-oxide) or (aluminum oxide) or (titanium-oxide) or (titanium oxide)or ("Al. sub.2O.sub.3") or ("Y. sub.2O.sub.3") or ("TiO. sub.2")))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/10/10 12:03
S26	9	((laser diode) with substrate) and ( core near5 ( rare-earth) or (rare earth) or al2o3 or y2o3 or tio2 or alumina or (aluminum-oxide) or (aluminum oxide) or (titanium-oxide) or (titanium oxide)or ("Al. sub.2O.sub.3") or ("Y. sub.2O.sub.3") or ("TiO. sub.2")))) and ( cladding near5 ( rare-earth) or (rare earth) or al2o3 or tio2 or alumina or (aluminum-oxide) or (aluminum oxide) or (titanium-oxide) or (titanium oxide)or ("Al. sub.2O.sub.3") or ("TiO. sub.2"))))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/10/10 12:04
S27	434	("20010027159"   "20010041460"   "20020001746"   "20020014406"   "20020033330"   "20020076133"   "20020106297"   "20020115252"   "20020134671"   "20020140103"   "20020170821"   "20020191916"   "20030019326"   "20030022487"   "20030035906"   "20030042131"   "20030044118"   "20030063883"   "20030077914"   "20030079838"   "20030097858"   "20030127319"   "20030134054"   "20030141186"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/10/10 12:08

"20030173207"	
"20030173208"	
"20030175142"	
"20030178637"	
"20030185266"	
"20040043557"	
"20040077161"	
"20040105644"	
"20040259305"	
"20050000794"	
"20050006768"	
"20050048802"	
"20050175287"	
"20050183946"	
"20060054496"	
"20060057283"	
"20060057304"	
"20060071592"	
"20060134522"	
"3309302"	"3616403"
"3850604"	"4082569"
"4111523"	"4437966"
"4587225"	"4619680"
"4710940"	"4785459"
"4915810"	"4978437"
"5085904"	"5107538"
"5119460"	"5173271"
"5174876"	"5196041"
"5200029"	"5206925"
"5225288"	"5237194"
"5287427"	"5296089"
"5303319"	"5306569"
"5309302"	"5338625"
"5355089"	"5381262"
"5427669"	"5435826"
"5472795"	"5475528"
"5475569"	"5478456"
"5483613"	"5499207"
"5512147"	"5538796"
"5555127"	"5561004"
"5563979"	"5565071"
"5569520"	"5591520"
"5597660"	"5603816"
"5607560"	"5607789"
"5612152"	"5613995"
"5645626"	"5654054"
"5654984"	"5686360"
"5689522"	"5693956"
"5702829"	"5718813"
"5719976"	"5731661"
"5738731"	"5755938"
"5757126"	"5762768"
"5771562"	"5792550"
"5811177"	"5830330"
"5831262"	"5841931"
"5847865"	"5849163"
"5853830"	"5855744"
"5870273"	"5882946"
"5900057"	"5909346"

		"5930046"   "5930584"   "5942089"   "5948215"   "5952778"   "5961682"   "5966491"   "5977582"   "6000603"   "6001224"   "6004660"   "6024844"   "6045626"   "6046081"   "6051114"   "6051296"   "6057557"   "6058233"   "6071323"   "6077642"   "6080643"   "6088492"   "6093944"   "6106933"   "6117279"   "6133670"   "6146225"   "6154582"   "6157765"   "6162709"   "6165566"   "6168884"   "6176986"   "6197217"   "6204111"   "6210544"   "6214660"   "6232242"   "6236793"   "6242129"   "6242132"   "6248291"   "6248640"   "6252397"   "6261917"   "6280585"   "6280875"   "6281142"   "6287986"   "6288835"   "6290821"   "6290822"   "6300215"   "6302939"   "6306265"   "6344419"   "6350353"   "6356694"   "6358810"   "6361662"   "6365300"   "6365319"   "6376027"   "6409965"   "6413382"   "6413645"   "6416598"   "6423776"   "6433380"   "6444750"   "6452717"   "6488822"   "6506289"   "6511615"   "6533907"   "6533907"   "6537428"   "6563998"   "6576546"   "6602338"   "6605228"   "6615614"   "6632563"   "6673716"   "6683244"   "6683749"   "6750156"   "6760520"   "6768855"   "6818356"   "6827826"   "6846765"   "6884327"   "RE32449"). PN.				
S28	0	S26 and S27	US-PGPUB; USPAT; USOOR; FFRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/10/10 12:08

S29	4	S24 and S27	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/10/10 12:08
S30	4	("20030044118"   "6088492").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/10/10 12:10
S31	19	"5972516"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/10/10 12:23
S32	2	("7218809").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/10/10 12:24
S33	2	("5972516").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/10/10 12:24
S34	13	(US-20070263676-\$ or US-20050225839-\$ or US- 20080107376-\$ or US- 20030063629-\$ or US- 20030007718-\$ or US- 20030044118-\$).did. or (US-7340124-\$ or US- 6751241-\$ or US- 6549688-\$ or US- 5761234-\$ or US- 6088492-\$ or US- 5972516-\$ or US- 7218809-\$).did.	US-PGPUB; USPAT	ADJ	ON	2008/10/10 13:59

S35	13	(US-20070263676-\$ or US-20050225839-\$ or US-20080107376-\$ or US-20030063629-\$ or US-20030007718-\$ or US-20030044118-\$).did. or (US-7340124-\$ or US-6751241-\$ or US-6549688-\$ or US-5761234-\$ or US-6088492-\$ or US-5972516-\$ or US-7218809-\$).did.	US_PGPUB; USPAT	ADJ	ON	2008/10/11 20:12
S36	2	("6,760,520").PN.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/10/11 20:13
S37	2	("20030185266").PN.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/10/11 20:14
S38	15	(US-20070263676-\$ or US-20050225839-\$ or US-20080107376-\$ or US-20030063629-\$ or US-20030007718-\$ or US-20030044118-\$ or US-20030185266-\$).did. or (US-7340124-\$ or US-6751241-\$ or US-6549688-\$ or US-5761234-\$ or US-6088492-\$ or US-5972516-\$ or US-7218809-\$ or US-6760520-\$).did.	US_PGPUB; USPAT	ADJ	ON	2008/10/11 20:14
S39	15	(US-20070263676-\$ or US-20050225839-\$ or US-20080107376-\$ or US-20030063629-\$ or US-20030007718-\$ or US-20030044118-\$ or US-20030185266-\$).did. or (US-7340124-\$ or US-6751241-\$ or US-6549688-\$ or US-5761234-\$ or US-6088492-\$ or US-5972516-\$ or US-7218809-\$ or US-6760520-\$).did.	US_PGPUB; USPAT	ADJ	ON	2008/10/25 09:36

S40	247	"I11" and (laser near2 diode)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/10/25 09:36
S41	4750	"I1" and (laser near2 diode)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/10/25 09:36
S42	15	S39 and (laser near2 diode)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/10/25 09:36
S43	4	S42 and (index with buffer)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/10/25 09:37
S44	0	S43 and amorphous	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/10/25 09:39
S45	1	S42 and amorphous	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/10/25 09:39
S46	1	(10/106726).APP.	USPAT; USOCR	ADJ	ON	2008/10/25 09:41
S47	1	S42 and amorphous and buffer	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/10/25 09:42
S48	5	S42 and ( buffer)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/10/25 09:43

S49	5	S48 and ( ( rare-earth) or (rare earth) or al2o3 or y2o3 or tio2 or alumina or (aluminum-oxide) or (aluminum oxide) or (titanium-oxide) or (titanium oxide) or ("Al.sub.2O.sub.3") or ("Y.sub.2O.sub.3") or ("TiO.sub.2") ) with (waveguide or slab or layer))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/10/25 09:45
S50	5	S48 and ( ( al2o3 or y2o3 or tio2 or alumina or (aluminum-oxide) or (aluminum oxide) or (titanium-oxide) or (titanium oxide) or ("Al.sub.2O.sub.3") or ("Y.sub.2O.sub.3") or ("TiO.sub.2") ) with (waveguide or slab or layer))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/10/25 09:45
S51	3	S50 and (laser with substrate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/10/25 09:49
S52	3	S50 and ((laser or diode) with substrate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/10/25 09:49
S53	12	S42 and ((laser or diode) with substrate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/10/25 09:52
S54	2	("7218809").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/10/25 09:55
S55	0	S54 and ((laser or diode) with substrate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/10/25 09:56

S56	1	S42 and folded	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/10/25 10:01
S57	11	S42 and active	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/10/25 10:05
S58	6	S57 and array	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/10/25 10:05
S59	6	S42 and active and array	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/10/25 10:22
S60	6	S42 and taper	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/10/25 10:27
S61	11	(US-20030063629-\$ or US-20030007718-\$ or US- 20030044118-\$ or US- 20030185266-\$).did. or (US-6751241-\$ or US- 6549688-\$ or US- 5761234-\$ or US- 6088492-\$ or US- 5972516-\$ or US- 7218809-\$ or US- 6760520-\$).did.	US-PGPUB; USPAT	ADJ	ON	2008/10/25 10:39
S62	4	(US-20030044118-\$ or US-20030185266-\$).did. or (US-6088492-\$ or US- 6549688-\$).did.	US-PGPUB; USPAT	ADJ	ON	2008/10/25 10:40
S63	4	(US-20030044118-\$ or US-20030185266-\$).did. or (US-6088492-\$ or US- 6549688-\$).did.	US-PGPUB; USPAT	ADJ	ON	2008/10/25 16:55

S64	3	S63 and vertical	US-PGPUB; USPAT; USOCR; FFPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/10/25 16:55
S65	2	("20040105644").PN.	US-PGPUB; USPAT; USOCR; FFPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/08/16 17:02
S66	4	(US-20030044118-\$ or US-20030185266-\$).did. or (US-6088492-\$ or US- 6549688-\$).did.	US-PGPUB; USPAT	ADJ	ON	2009/08/16 17:08
S67	4	S66 and loss	US-PGPUB; USPAT; USOCR; FFPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/16 17:08

**EAST Search History (Interference)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	4	("5362672"   "5789071"   "6641704"   "7544276").PN.	USPAT; UPAD	ADJ	ON	2010/06/14 14:13
S68	97	((385/14) or ((385/129)).COLS.	UPAD	OR	OFF	2009/12/15 17:03
S69	0	S68 and ( amorphous with (lens near2 duct)).clm.	USPAT; UPAD	ADJ	ON	2009/12/15 17:04

6/14/2010 2:15:47 PM

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